

VED0012306S0

D10

# Service Manual

LCD Projector



**PT-L797PXU / PT-L797PXE / PT-L797PXA / PT-L797PXUL /  
PT-L797PXEL**

**Addition of a new panel adjustment metal**

**Please file and use this supplement manual together with the service manual for Model No. PT-L797PXU, Order No.**

**VED0009302A1, Model No. PT-L797PXE/PXA, Order No.**

**VED0009304A8 or Model No. PT-L797PXUL/PXEL, Order No.**

**VED0009303A5 respectively.**

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## **⚠ WARNING**

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

# **Panasonic**

## **1. Difference between original models and these models**

		Original models	PT-L797PXU/PXE/PXA/PX PXEL
LCD panel		- P13XG150	- P13XG250
		- P13XG160	- P13XG260
		* Case size (large)	* Case size (small) (Using a new LCD panel)
Installation method (Replacement LCD panels)	LCD panel (red)	With panel adjustment metal	With panel adjustment me
	LCD panel (green)	With panel adjustment metal	Installs the panel directl
	LCD panel (blue)	With panel adjustment metal	With panel adjustment me
Panel adjustment metal		TZTEN01VHX1	TZTEN01VJD9 (TZTEN01VHX1 with upper bottom panel spacers) * This assembly can be appropriated for the origi models.

**Notes:**

- The LCD panel and panel adjustment metal assembly are supplied separately, so both must be ordered if the LCD panel requires replacement.
- See LCD Panel Replacement / Disassembly Instructions in the service manual for PT-L797U (Order No. VED9903270C1) or PT-L797E (Order No. VED9903272C2) for replacement as well.

## 2. LCD Panel Replacement

- Read "TZTEN01VJD9 Panel Adjustment Metal for LCD Projectors Instructions (attached to the panel adjustment metal)" for replacement and alignment.

\* Take notice of the replacement procedure. There is difference between the original models and these models because the panel installation method is different from the original.

## 3. Using Replacement Panel Adjustment Metals Appropriately

- If replacing an LCD panel of these models, replacement LCD panel and panel adjustment metal are required. When ordering LCD panels, order the panel adjustment metal at the same time. Refer to the table below:

LCD panel (for replacement)	Required replacement parts (marked ○)			
	LCD Panel	Panel adjustment metal		
		For panel (red)	For panel (green)	For panel (blue)
LCD panel (red)	○ LCD panel (red)	○	-	-
LCD panel (green)	○ LCD panel (green)	○	-	○
LCD panel (blue)	○ LCD panel (blue)	-	-	○

\* For LCD panel (green), no panel adjustment metal is used because the panel is installed directly.

\* When preparing LCD panels, order replacement parts after confirming their part numbers.

\* A used panel adjustment metal cannot be reused.

## 4. Convergence Adjustment

- After replacing an LCD panel, perform convergence adjustment.
- See Convergence Adjustment / Measurements and Adjustments in the service manual for PT-L797U (Order No. VED9903270C1) or PT-L797E (Order No. VED9903272C2) for adjustment.

LCD panel (for replacement)	LCD panel which requires adjustment (marked ○)		
	LCD panel (red)	LCD panel (green)	LCD panel (blue)
LCD panel (red)	○	-	-
LCD panel (green)	○	-	○
LCD panel (blue)	-	-	○

\* If an LCD panel (green) is replaced, adjust LCD panels (red) and (blue).